

Math 571 Topology Fall 2014 Syllabus

Faculty: Ralph Kaufmann

Office: MATH 730, Tel: (765) 494-1205

E-mail: rkaufman@math.purdue.edu

URL: <http://www.math.purdue.edu/~rkaufman>

Class times: Tuesday/Thursday 10:30 am-11:45 am in MATH 215

Homepage: <http://www.math.purdue.edu/~rkaufman/MA571f14/571.html>

Office hours: Tuesday/Thursday 1:30-2:20.

If you have a conflict with these times, we can arrange for another time to meet.

Textbook: *Topology* by James R. Munkres
Prentice Hall; Second edition

Course description: The course is an introduction to topology. We will start with the definition of a topology, connectedness and compactness. Then we will go on to cover various topics in point set and beginning algebraic topology. One of these topics will be the concept of fundamental group and its applications.

Required Work: Besides the expected participation in class there will be homework assignments (30%), one midterm (35%) and a final (35%).
The date of the midterm will be Oct 3. This date is subject to change.

Academic Adjustments for Students with Disabilities:

Students who have been certified by the Office of the Dean of Students – Adaptive Programs as eligible for academic adjustments should go to MATH 242 with a copy of their certification letter and request an *Information Sheet* for this semester that explains how to proceed this semester to get these adjustments made in Mathematics courses. It is not the same as last semester. **This should be done during the first week of classes.** Only students who have been certified by the ODOS-Adaptive Programs and who have requested ODOS to send their certification letter to their instructor are eligible for academic adjustments.

Students, who are currently undergoing an evaluation process to determine whether they are eligible for academic adjustments, are encouraged to find out **now** what procedures they will have to follow when they are certified, by requesting the above mentioned *Information Sheet* from MATH 242.

Campus Emergency

In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. Information about changes in this course will be posted on the course webpage.